

03 03

RR RR

SSSS

24/1200Z MAY 79

NO

HQ ADCON PETERSON AFB CO//XP//

HQ AFTEC KIRTLAND AFB NM//TE//

120000 HQ USAF WASH DC//RBS//X00//X0X//X0X//

HQ SAC OFFUTT AFB NE//X0//D0//

HQ AFSC ANDREWS AFB MD//S3//

SANSD LOS ANGELES AFS CA//SZ//

b1

OLAG SET 4 060000H LOS ANGELES AFS CA//XPBL//

SUBJ: REQUEST FOR SPS IOTBE EXTENSION

1. THE INITIAL OPERATIONAL TEST AND EVALUATION (IOTBE) FOR THE SIMPLIFIED PROCESSING STATION (SPS) BEGAN ON 15 APRIL 79. IOTBE WAS SCHEDULED FOR A 50 DAY PERIOD, WITH AN OPTION TO EXTEND THE TEST 30 DAYS IF SIGNIFICANT PROBLEMS WERE ENCOUNTERED.

2. AS OF 14 MAY 79, THE COMPLETION OF THE FOURTH WEEK OF IOTBE, THIS SYSTEM HAS TWO SIGNIFICANT PROBLEM AREAS:

A. THE SPS CONTINUES TO GENERATE FALSE MISSILE REPORTS. IOTBE TEST PLAN OBJECTIVE 2-1-5 HAS BEEN EXCEEDED:

HAJ BAKER/XPMBS/3203/23 MAY 79

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	ACTUAL	TEST STANDARD THRESHOLD
FALSE LAUNCH AREA REPORTS	b1	b1
SINGLE LAUNCH REPORTS	153	
MULTIPLE SINGLE LAUNCH REPORTS	b1	b1
b1		

B. DUE TO THE INABILITY OF THE DIAGNOSTIC COMPUTER PROGRAM (DCP) TO EFFECTIVELY ISOLATE INTERMITTENT HARDWARE PROBLEMS, THE SPS'S OPERATIONAL AVAILABILITY HAS BEEN DIRECTLY AFFECTED. THE SPS HAS HAD 79 COMPUTER HALTS; AS A RESULT IOT&E TEST PLAN OBJECTIVE S-3 HAS BEEN EXCEEDED FOR THE FIRST FOUR WEEKS:

	TEST STANDARD THRESHOLD
SPS OPERATIONAL AVAILABILITY	b1 b1

B. BASED ON THE RESULTS OF THE FIRST FOUR WEEKS OF SPS MISSION PERFORMANCE, AND THE PLANNED DELIVERY OF A NEW SOFTWARE PACKAGE REQUEST THAT THE FORMAL SPS IOT&E BE EXTENDED 30 DAYS. THIS EXTENSION

RAJ BAKER

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WILL ALLOW FOR A THOROUGH CHECKOUT OF THE NEXT IBM SOFTWARE PACKAGE SCHEDULED FOR DELIVERY IN EARLY JUNE. AACB6BRET "SOAK" OF THE SOFTWARE IS IMPERATIVE BASED ON THE PRESENT SPS MISSION PERFORMANCE AND WILL ALLOW A MORE COMPREHENSIVE BASELINE COMPARISON. ALSO, WITH THE LAUNCH OF DSP FLIGHT 8 ON 10 JUNE 79, THE FIRST MOS/PIN SATELLITE, THE SPS'S ABILITY TO SUPPORT THIS NEW SERIES OF SPACECRAFT CAN BE VERIFIED.

4. REQUEST YOUR EARLIEST POSSIBLE CONSIDERATION OF THIS REQUEST FOR EXTENSION. AN EARLY REPLY WILL ALLOW US TO MAKE NECESSARY PLANS FOR FURTHER TESTING OF THE SPS SYSTEM.

MAJ BAKER